

p73 (phospho Tyr99) Polyclonal Antibody
Catalog # AP67150**Specification**

p73 (phospho Tyr99) Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O15350
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

p73 (phospho Tyr99) Polyclonal Antibody - Additional Information**Gene ID** 7161**Other Names**

TP73; P73; Tumor protein p73; p53-like transcription factor; p53-related protein

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

p73 (phospho Tyr99) Polyclonal Antibody - Protein Information**Name** TP73**Synonyms** P73**Function**

Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein. Is an activator of FOXJ1 expression (By similarity). It is an essential factor for the positive regulation of lung ciliated cell differentiation (PubMed:34077761).

Cellular Location

Nucleus. Cytoplasm. Note=Accumulates in the nucleus in response to DNA damage

Tissue Location

Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney,

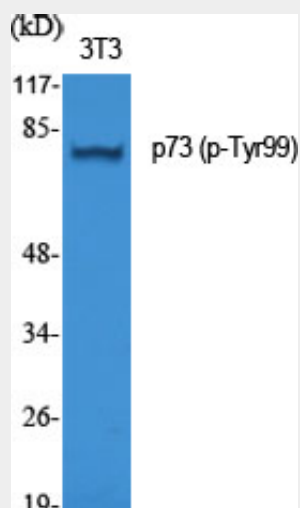
placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in the respiratory epithelium (PubMed:34077761).

p73 (phospho Tyr99) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

p73 (phospho Tyr99) Polyclonal Antibody - Images



Western Blot analysis of various cells using Phospho-p73 (Y99) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western Blot analysis of HeLa cells using Phospho-p73 (Y99) Polyclonal Antibody cells nucleus extracted by Minute™ Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

p73 (phospho Tyr99) Polyclonal Antibody - Background

Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein.